

PRODUCT INFORMATION**PRESSURE GAUGES WITH STRAIGHT THREADS**
O-RING FITTINGS (J-5 14)

The National Fluid Power Association has long recommended the use of straight thread O-ring ports (SAE Standard J-5 14) instead of pipe threads on all fluid power components.

The reason for this recommendation is to minimize the possibility of leakage which may occur with pipe threads.

This connection is now available on 2½" 1009SW and 63mm 1008S lower connected gauges. The code designation for this connection is RWL. The male thread on the gauge is a 7/16-20 straight thread with an O-ring groove and provisions for a lock nut. There is a backup washer between the O-ring and the nut. The gauge may be rotated to the desired position and the O-ring sealed with the lock nut.

See the attached drawing for complete details.

Major users of the straight thread O-ring ports are:

- The Automotive Industry
- The Aerospace Industry
- Agricultural and Construction Equipment Makers
- Hydraulic Equipment

As a result of tests performed on several prototype 2½" 1009SW gauges, Ford Motor Company has already placed us on their approved vendor list.

Some important advantages and selling points of the straight O-ring ports are:

1. Seals, even with surface imperfections, better than metal-to-metal seals.
2. Can withstand the vibration, expansion and contraction that may cause pipe threads to loosen and leak.
3. Takes less time and effort to install.
4. Gauges can be oriented properly prior to tightening.
5. Does not need constant tightening.
6. Does not require sealant or tape.

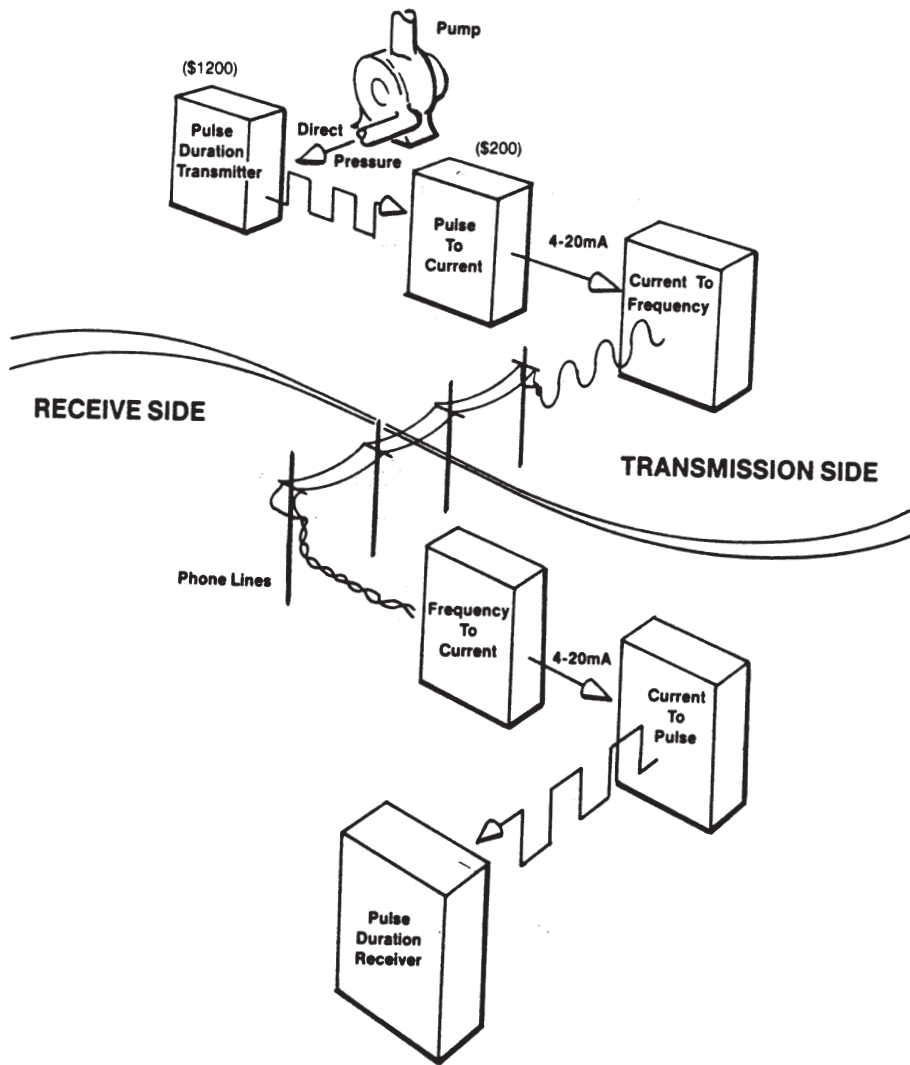


FIG. 2